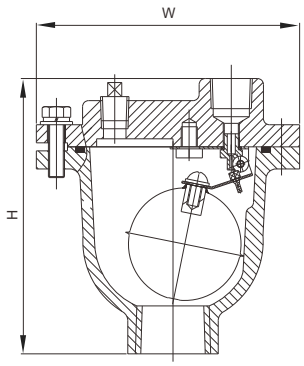
Automatic air release valve

Automatic air release valve is used in wet pipe sprinkler systems and on casing of horizontal split case pump, so to automatically release small pockets of accumulated air while the system operates under pressure exceeding atmospheric pressure.



- Certificate: UL Listed / FM Approved
- Standard: UL 2573, NFPA 20, AWWA C512
- Connection: Threaded, NPT / BSPT / BSPP
- Feature: Small orifice, vent air only
- Temperature: Max 82°C, water
- W. pressure: 300 / 250 / 200 psi
- Surface: FBE coating as AWWA C550



Main parts and material

Body / bonnet	Ductile iron as ASTM A536, 65-45-12 / Gary cast iron, EN1561	**Float**	SS 304
Internal trim parts	SS 304	**Seal**	EPDM, Buna-N, or Viton

Available size (Source 1 with UL/FM)

Inlet	Outlet	Orifice	Dimension (mm)		Working pressure (psi)	Ref. No.
			H	W		
1/2" NPT	1/2" NPT	1/16"	149	95	300	U3701 (UL/FM)
3/4" NPT	1/2" NPT	1/16"	149	95	300	U3702 (UL/FM)
1" NPT	1/2" NPT	1/16"	149	95	300	U3703 (UL/FM)

Automatic air release valve

Available size (Source 2 with UL/FM)

Inlet	Outlet	Orifice	Dimension (mm)		Working pressure (psi)	Ref. No.
			H	W		
1/2" NPT	1/2" NPT	1/16"	137	125	300	U3711 (UL/FM)
1/2" NPT	1/2" NPT	3/32"	137	125	300	U3712 (UL/FM)
3/4" NPT	1/2" NPT	1/16"	137	125	300	U3713 (UL/FM)
3/4" NPT	1/2" NPT	3/32"	137	125	300	U3714 (UL/FM)
1" NPT	1/2" NPT	1/16"	137	125	300	U3715 (UL/FM)
1" NPT	1/2" NPT	3/32"	137	125	300	U3716 (UL/FM)

Available size (Source 2 with ISO)

Size		Connection	Dimension (mm)		Working pressure (psi)	Ref. No.
Inch	DN		H	D		
2"	50	FLG	221	65	250	U3717 (ISO)
2-1/2"	65	FLG	270	94	250	U3718 (ISO)
3"	80	FLG	270	94	250	U3719 (ISO)
4"	100	FLG	290	110	250	U3720 (ISO)
6"	150	FLG	345	150	250	U3721 (ISO)
8"	200	FLG	385	150	250	U3722 (ISO)

Available size (Source 3 with FM)

Inlet	Outlet	Orifice	Dimension (mm)		Working pressure (psi)	Ref. No.
			H	W		
1/2" NPT / BSPT / BSPP	1/2" NPT	1/16"	137	125	200	U3731 (FM)
3/4" NPT / BSPT / BSPP	1/2" NPT	1/16"	137	125	200	U3732 (FM)
1" NPT / BSPT / BSPP	1/2" NPT	1/16"	137	125	200	U3733 (FM)